

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------|------------------|---------|------------------|
| S1 | 1 | 10/556067 | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:49 |
| S2 | 1 | ("5294280").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/15 07:10 |
| S4 | 1 | "20030037802" | US-PGPUB; USPAT | OR | ON | 2007/10/26 20:52 |
| S5 | 2 | (sheet near heater) with (metal adj plate) | US-PGPUB; USPAT | OR | ON | 2007/10/27 10:01 |
| S6 | 745 | (heater) with (metal adj plate) | US-PGPUB; USPAT | OR | ON | 2007/10/27 10:01 |
| S7 | 44 | S6 and (semiconductor adj (manufacturing or production or process)) | US-PGPUB; USPAT | OR | ON | 2007/10/27 10:28 |
| S8 | 1247 | (heater adj3 (inside or inner)) with (chamber or reactor) | US-PGPUB; USPAT | OR | ON | 2007/10/27 10:28 |
| S9 | 98 | S8 and (semiconductor adj (manufacturing or production or process)) | US-PGPUB; USPAT | OR | ON | 2008/01/18 11:32 |
| S10 | 2309 | (118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.) | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:41 |
| S11 | 2455 | 141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls. | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:41 |
| S12 | 7767 | 137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls. | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:41 |
| S13 | 473 | 261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls. | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:42 |
| S14 | 7272 | 118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls. | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:42 |
| S15 | 6861 | 261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls. | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:42 |
| S16 | 2536 | 261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls. | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:42 |
| S19 | 26687 | (118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls.) | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:43 |

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|-----|-------|---|-----------------|----|----|------------------|
| | | ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.) | | | | |
| S20 | 28355 | S10 S19 | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:44 |
| S21 | 80020 | (liner or skin or surface) with (heat\$3 and (chamber or reactor or vessel)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:54 |
| S22 | 5488 | S21 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 15:50 |
| S23 | 2906 | (liner) with (heat\$3 and (chamber or reactor or vessel)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 16:30 |
| S24 | 305 | S23 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 16:30 |
| S25 | 636 | (liner near3 heat\$3) with (chamber or reactor or vessel) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:38 |
| S26 | 105 | S25 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:35 |
| S27 | 51 | 09/211,998 | US-PGPUB; USPAT | OR | ON | 2008/01/17 17:09 |
| S28 | 59 | High adj Temperature adj Chemical adj Vapor adj Deposition adj Chamber | US-PGPUB; USPAT | OR | ON | 2008/01/17 17:09 |
| S29 | 2 | High adj Temperature adj Chemical adj Vapor adj Deposition adj Chamber.ii. | US-PGPUB; USPAT | OR | ON | 2008/01/17 17:09 |
| S30 | 31 | (liner near3 heat\$3) with (chamber or reactor or vessel) with bottom | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:34 |
| S31 | 5 | S30 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:39 |
| S32 | 219 | (liner near3 heat\$3) with (exhaust or foreline or pump) | US-PGPUB; USPAT | OR | ON | 2008/01/18 11:31 |
| S33 | 5 | S32 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:42 |
| S34 | 527 | (liner near3 heat\$3) with (transfer or gate or slit) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:49 |
| S35 | 19 | S34 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:51 |
| S36 | 15 | (liner near3 heat\$3) with (transfer adj (passage or chamber or slot) or gate or slit) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:59 |
| S37 | 0 | S36 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:55 |
| S38 | 25924 | (skin or surface) with (heat\$3 and (exhaust or foreline or pump)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:54 |
| S39 | 1312 | S38 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 18:59 |
| S42 | 192 | (liner) with (transfer adj (passage or chamber or slot) or (gate or slit) adj valve) | US-PGPUB; USPAT | OR | ON | 2008/01/17 19:20 |
| S43 | 54 | S42 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 19:15 |
| S44 | 60 | ((gate or slit) adj valve near3 liner) | US-PGPUB; USPAT | OR | ON | 2008/01/17 19:18 |
| S45 | 18 | S44 and (semiconductor adj (process\$3 or product\$3 or manufactur\$3 or treat\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/17 19:21 |
| S46 | 42 | S44 not S45 | US-PGPUB; USPAT | OR | ON | 2008/01/17 19:17 |
| S48 | 17 | ((gate or slit) adj valve near3 liner) and (liner with heat\$3) | US-PGPUB; USPAT | OR | ON | 2008/01/17 19:18 |

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| S50 | 4744 | heat\$3 with (transfer adj (passage or chamber or slot) or (gate or slit) adj valve) | US-PGPUB; USPAT; USOOR: FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2008/01/17 19:24 |
| S51 | 430 | S50 and (semiconductor adj (process\$3 or product\$3 or manufatur\$3 or treat\$4)) | US-PGPUB; USPAT; USOOR: FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2008/01/17 19:28 |
| S52 | 13 | ((efficien\$2 or effective or fast) near2 heat\$3) with (transfer adj (passage or chamber or slot) or (gate or slit) adj valve) | US-PGPUB; USPAT; USOOR: FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2008/01/17 19:25 |
| S53 | 0 | S52 and (semiconductor adj (process\$3 or product\$3 or manufatur\$3 or treat\$4)) | US-PGPUB; USPAT; USOOR: FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2008/01/17 19:28 |
| S54 | 62910 | ((heat\$3 or deposit\$3 or contamination) with (exhaust) | US-PGPUB; USPAT | OR | ON | 2008/01/18 12:37 |
| S55 | 1473 | S54 and (semiconductor adj (manufacturing or production or process)) | US-PGPUB; USPAT | OR | ON | 2008/01/18 12:39 |
| S56 | 11 | ("5001327" "5251688" "5303482" "5314538" "5462397" "5562383" "5747780" "5900047" "6024502" "6042372").PN. OR ("6547660").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/18 11:45 |
| S57 | 3958 | ((heat\$3 or deposit or dust or particle or contamination or thermal or jacket) with (transfer adj (passage or chamber or slot) or (gate or slit) adj valve) | US-PGPUB; USPAT | OR | ON | 2008/01/18 12:38 |
| S58 | 466 | S57 and (semiconductor adj (manufacturing or production or process)) | US-PGPUB; USPAT | OR | ON | 2008/01/18 12:39 |
| S59 | 18 | ("3286082" "3943323" "4147925" "4223208" "4230934" "4230935" "4268741" "4378244" "4551616" "4728780" "4993945" "5256857" "5471034" "5796074").PN. OR ("6040562").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/29 16:45 |
| S60 | 8292 | (sheet or plate) adj2 heater | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/29 17:05 |
| S61 | 10 | (sheet or plate) adj2 heater with ((metal\$2) adj2 (liner or skin or surface)) | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/29 17:06 |
| S62 | 536 | (sheet or plate) adj2 (heater or resistor) and ((metal\$2) adj2 (liner or skin or surface)) | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/29 17:14 |
| S63 | 526 | S62 not S61 | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/29 17:15 |
| S64 | 25 | embed\$3 with (sheet) adj2 heater | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/29 18:39 |
| S65 | 5 | sandwich with (sheet) adj2 heater | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/29 18:52 |
| S66 | 84119 | (219).CLAS. | US-PGPUB; USPAT | OR | OFF | 2008/01/29 18:54 |
| S68 | 48 | (sheet or plate) adj2 heater and 219/443.1,520,465.1,119,69,15,66.cols. | US-PGPUB; USPAT; USOOR | OR | ON | 2008/01/30 06:09 |

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|-----|-------|--|------------------------|----|----|------------------|
| S69 | 60 | ("0987293" "1357343" "3286077" "3393292" "3568595" "3594867" "3624836" "3635626" "3685932" "3754499" "3775033" "3998580" "4508670" "4659304" "4723484" "4854026" "4888973" "4923556" "4964943").PN. OR ("5158132").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 06:25 |
| S70 | 37236 | ((sheet or plate) near2 resist\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 06:46 |
| S71 | 1138 | ((sheet or plate) near2 resist\$3) and "219"/\$.cls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 06:48 |
| S72 | 42 | ((sheet or plate) near2 resist\$3) and 219/443.1,520,465.1,119,69.15,66.cls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 06:48 |
| S73 | 544 | ((sheet or plate) near2 resist\$3) and metal near2 (clad\$3 or sandwich\$3 or embed\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 06:49 |
| S77 | 24 | ((sheet or plate) near2 (resistor or resistive or resistor)) and metal near2 (clad\$3 or sandwich\$3 or embed\$4) and "219"/\$.cls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 06:55 |
| S78 | 5 | ((sheet or plate) near2 (resistor or resistive or resistor)) with metal near2 (clad\$3 or sandwich \$3 or embed\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 06:56 |
| S79 | 20 | ("3898422" "4284877" "4316077" "4334141" "4343988" "4346285" "4371777").PN. OR ("4899032").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/30 07:15 |

2/5/2008 4:30:13 PM

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